

a) If diale off => Vin 10k

Voltage directer!

Vour = \frac{1}{2}Vm

S) If drade on owner ovor

Vour dracky connected 3V I is

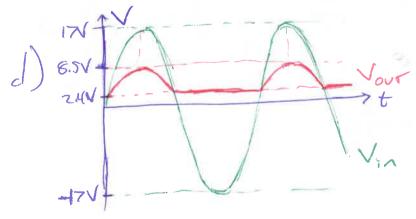
the drade to +3V 3V I is

3V - 0.6V = Vour 50 | Var = 2.4V |

drade

W

c) drade on it Vm c2.4V



PHYS 251 Drode handout page 2 \$ 1k Un = IN AC If drode off, voltage direct! In 3h Vour = TVour Drache off of Vin LO.6V If drade on, Your